

Title (en)

METHOD FOR PRODUCING AN ANNULAR HONEYCOMB BODY, AND ANNULAR HONEYCOMB BODY

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES RINGFÖRMIGEN WABENKÖRPERS, SOWIE RINGFÖRMIGER WABENKÖRPER

Title (fr)

PROCEDE POUR REALISER UN ELEMENT ALVEOLAIRE ANNULAIRE ET ELEMENT ALVEOLAIRE ANNULAIRE

Publication

**EP 1922148 B1 20100106 (DE)**

Application

**EP 06777175 A 20060908**

Priority

- EP 2006008758 W 20060908
- DE 102005043196 A 20050909

Abstract (en)

[origin: WO2007028625A1] The method according to the invention for producing a honeycomb body (6) which has a radial subregion (9) with channels (10) through which a fluid can flow, wherein the subregion (9) is annular, wherein the honeycomb body (6) is formed from at least one metal layer (1, 13, 14) which is fastened to an outer tubular jacket (7) at at least one fastening point (16), and wherein each metal layer (1, 13, 14) comprises sections (2, 3) which are folded on top of one another, is distinguished in that substantially smooth sections (2) and textured sections (3) are formed which alternate with one another. The method according to the invention for producing a honeycomb body (6) and the honeycomb body (6) according to the invention advantageously allow an annular honeycomb body (6) to be provided which requires little outlay on material and has a long service life.

IPC 8 full level

**B01J 35/04** (2006.01); **F01N 3/28** (2006.01)

CPC (source: EP KR US)

**B01J 35/56** (2024.01 - EP KR US); **F01N 3/28** (2013.01 - KR); **F01N 3/2814** (2013.01 - EP US); **F01N 2330/02** (2013.01 - EP US); **F01N 2330/04** (2013.01 - EP US); **Y10T 29/49345** (2015.01 - EP US); **Y10T 428/12333** (2015.01 - EP US); **Y10T 428/12347** (2015.01 - EP US); **Y10T 428/1241** (2015.01 - EP US); **Y10T 428/24149** (2015.01 - EP US)

Designated contracting state (EPC)

DE ES FR GB IT PL

DOCDB simple family (publication)

**DE 102005043196 A1 20070315**; CN 101262946 A 20080910; CN 101262946 B 20101208; DE 502006005873 D1 20100225; EP 1922148 A1 20080521; EP 1922148 B1 20100106; ES 2338807 T3 20100512; JP 2009507622 A 20090226; JP 5064394 B2 20121031; KR 100962159 B1 20100610; KR 20080048059 A 20080530; MX 2008003207 A 20080318; PL 1922148 T3 20100630; RU 2008113190 A 20091227; RU 2413575 C2 20110310; US 2008199654 A1 20080821; US 8075978 B2 20111213; WO 2007028625 A1 20070315

DOCDB simple family (application)

**DE 102005043196 A 20050909**; CN 200680033135 A 20060908; DE 502006005873 T 20060908; EP 06777175 A 20060908; EP 2006008758 W 20060908; ES 06777175 T 20060908; JP 2008529550 A 20060908; KR 20087008494 A 20060908; MX 2008003207 A 20060908; PL 06777175 T 20060908; RU 2008113190 A 20060908; US 4504808 A 20080310